

Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/648023	
		Filing Date	August 26, 2003	
		First Named Inventor	TOSHIKAZU KOBAYASHI	
		Group Art Unit	1733	
		Examiner Name		
Sheet		of	Attorney Docket Number	AD6910USNA

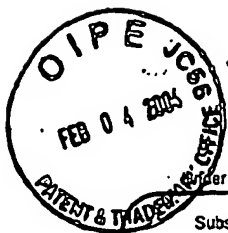
U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
ETA		US -	Re 32,334	01-20-1987	Deyrup	
		US -	5,893,959	04-13-1999	Muellich	
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Examiner Signature		Date Considered	9/8/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete if Known

Application Number	10/648023
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Art Unit	1733
Examiner Name	Unknown
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		Number-Kind Code ² (if known)			
		US- 2002/0002225 A1	01-03-2002	Reil	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO02/057353 A2	07-25-2002	E.I. duPont		

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